

Serial No.10/812,903  
Amendment dated July 20, 2007  
Reply to Office Action of April 23, 2007

Docket No. HI-0194

Listing of Claims

1-9 (Canceled)

10. (Currently Amended) A front filter for a plasma display apparatus, the front filter comprising:

at least two optical filter films coupled over a surface of a plasma display panel; and an adhesive layer for adhering the at least two optical filter films to each other, the adhesive layer including a conductive powder ~~power~~ to shield electromagnetic waves, said conductive powder ~~power~~ decentralized in the adhesive layer to within a predetermined concentration range by volume ratio relative to an amount of adhesive agent in the adhesive layer, said predetermined concentration range set to allow the plasma display panel to achieve a desired transmission rate.

11. (Previously Presented) The front filter according to claim 10, wherein the predetermined concentration range of the conductive powder is 1-40% of the adhesive agent by volume ratio.

12. (Canceled)

13. (Currently Amended) The front filter according to claim 10, wherein the at least two optical filter films are selected from the group consisting of an antireflection coating and, ~~a glass, an infrared-ray shield film and a color correction film.~~

14. (Original) The front filter according to claim 10, wherein the conductive powder is formed of any one of copper (Cu), silver (Ag), gold (Au), aluminum (Al), nickel (Ni), platinum (Pt), and carbon nanotube (CNT).

15. (Previously Presented) The front filter according to claim 10, wherein the conductive powder has a particle size of between several nm to 380 nm.

16-20 (Canceled)

21. (Previously Presented) The front filter according to claim 10, wherein the predetermined concentration range of the conductive powder is set to allow the plasma display panel to transmit visible rays in the range above 380 nm.

22. (Previously Presented) The front filter according to claim 10, wherein the front filter is a film-type filter.

23. (Currently Amended) The front filter according to claim 10, wherein the front filter includes a glass layer ~~is a glass-type filter.~~

24. (Previously Presented) The front filter according to claim 10, wherein the adhesive agent includes a synthetic resin.

25. (Currently Amended) A front filter for a plasma display apparatus, comprising:  
at least two layers coupled to transmit light generated from a plasma display panel; and  
an adhesive layer between the two layers and including a conductive powder  
~~power~~ to shield electromagnetic waves, wherein the conductive powder ~~power~~ is dispersed  
throughout the adhesive layer to within a predetermined concentration range by volume ratio  
relative to an amount of adhesive agent in the adhesive layer, said predetermined concentration  
range set to allow the plasma display panel to achieve a desired transmission rate.

26. (Previously Presented) The front filter according to claim 25, wherein each of the  
two layers includes an optical filter film.

27. (Currently Amended) The front filter according to claim 26, wherein the at least  
two layers are optical filter film ~~is selected from the group consisting of an antireflection coating~~  
~~and , a glass, an infrared-ray shield film and a color correction film.~~

28. (Previously Presented) The front filter according to claim 25, wherein the predetermined concentration range of the conductive powder is 1-40% of the adhesive agent by volume ratio.

29. (Previously Presented) The front filter according to claim 25, wherein the conductive powder is formed of any one of copper (Cu), silver (Ag), gold (Au), aluminum (Al), nickel (Ni), platinum (Pt), and carbon nanotube (CNT).

30. (Previously Presented) The front filter according to claim 25, wherein the conductive powder has a particle size of between several nm to 380nm.

31. (Previously Presented) The front filter according to claim 25, wherein the predetermined concentration range of the conductive powder is set to allow the plasma display panel to transmit visible rays in the range above 380 nm.